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November 2, 1998

Magalie R. Salas, Esquire
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Re: Redesignation of the 17.7-19.7 GHz Frequency Band, Blanket Licensing of Satellite Earth Stations in the 17.7-20.2 GHz and 27.5-30.0 GHz Frequency Bands, and the Allocation of Additional Spectrum in the 17.3-17.8 GHz and 24.75-25.25 GHz Frequency Bands for Broadcast Satellite-Service Use
IB Docket No. 98-172, RM-9005, RM-9118
Notice of Ex Parte Presentation

Dear Ms. Salas:

On October 30, 1998, the GSO Ka-band Blanket Licensing Industry Working Group met at the offices of Dow, Lohnes & Albertson. Julie Garcia and Diane Garfield of the FCC's International Bureau were present at the meeting. The issues discussed at the meeting are reflected in the enclosed meeting agenda.[1/] Other documents provided to the FCC representatives at the meeting are also enclosed.

In accordance with the requirements of Section 1.1206 of the Commission's rules, an original and two copies of this transmittal letter and enclosures are being submitted to the Secretary's office for inclusion in the public record of the above-captioned proceedings.

If you have any questions regarding this matter, please do not hesitate to contact me.

Respectfully submitted,

Carlos M. Nalda

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CMN/css
cc (w/encl.): Julie Garcia
Diane Garfield
Enclosure

1/ *See* Enclosure at 1.

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GSO Ka-Band Blanket Licensing
Industry Working Groups
(including ISL sub-group)

30th October 1998
at Dow Lohnes & Albertson, 1200 New Hampshire Ave, N.W. ,Washington DC.

Proposed Agenda:

1. Introduction of Participants

2. BL1 (Satellite-to-satellite interference) issues:

   - Review latest requested link budget data provided by licensees.
   - Discussion of differences in link budgets to rationalize the differences in required uplink power levels.
   - Discussion of ways to reach consensus on acceptable BL numbers.

3. BL2 (FS related interference) issues:

   - Discussion of progress at 18 GHz Working Group (which took place yesterday at Steptoe & Johnson)

4. Any Other Business

5. Date and Place of Next Meeting

From: Bob Luly <rluly@earthlink.net>
To: RCLPC.RCLCORP(doneil)
Date: 10/29/98 1:39PM

Hello David;
Would you give this to anyone who is interested.

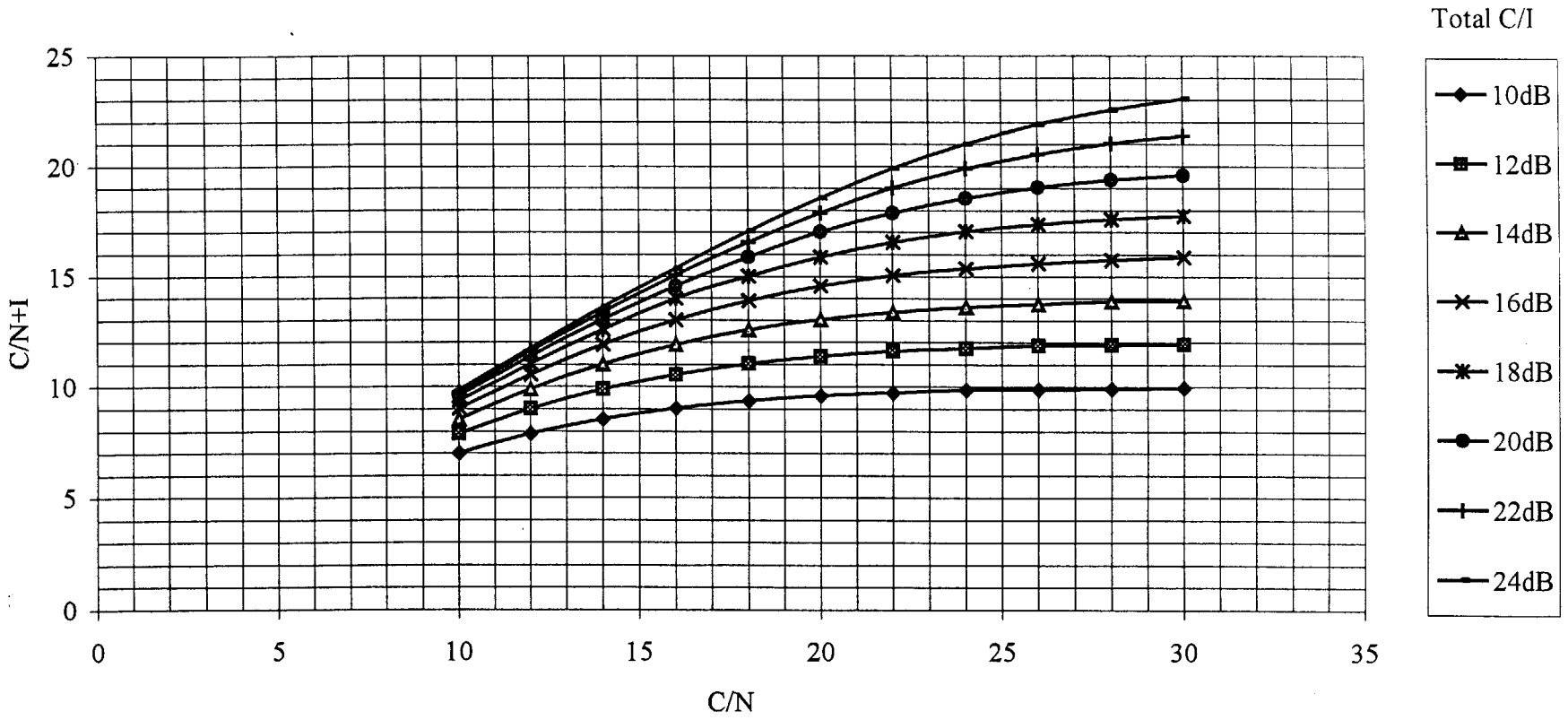
The chart shows how _*IDENTICAL*_ systems would perform at 2 degree spacing by varying uplink power (of course if you raise your power your neighbors have to raise theirs too) at different C/I levels. Example: at C/I of 14dB, changing C/N from 16dB to 26dB (if all systems do the same thing) then C/N+I will change from about 12dB to about 14dB. Of course this shows the effects of a noise limited system verses an interference limited system. It looks like getting better than 29-25 log theta on your space craft would help the most because most of the interference is self generated.
Regards,
R. Luly

Bob Luly
KaStar

Effects of C/N vs: total C/I on C/N+I

*_Peak **satellite** antenna gain minus 29-25log theta will equal uplink C/I from a single, self adjacent beam.

*_Peak **earth station** antenna gain minus 29-25log theta will equal C/I from an uplink going to adjacent satellite (using same plan).



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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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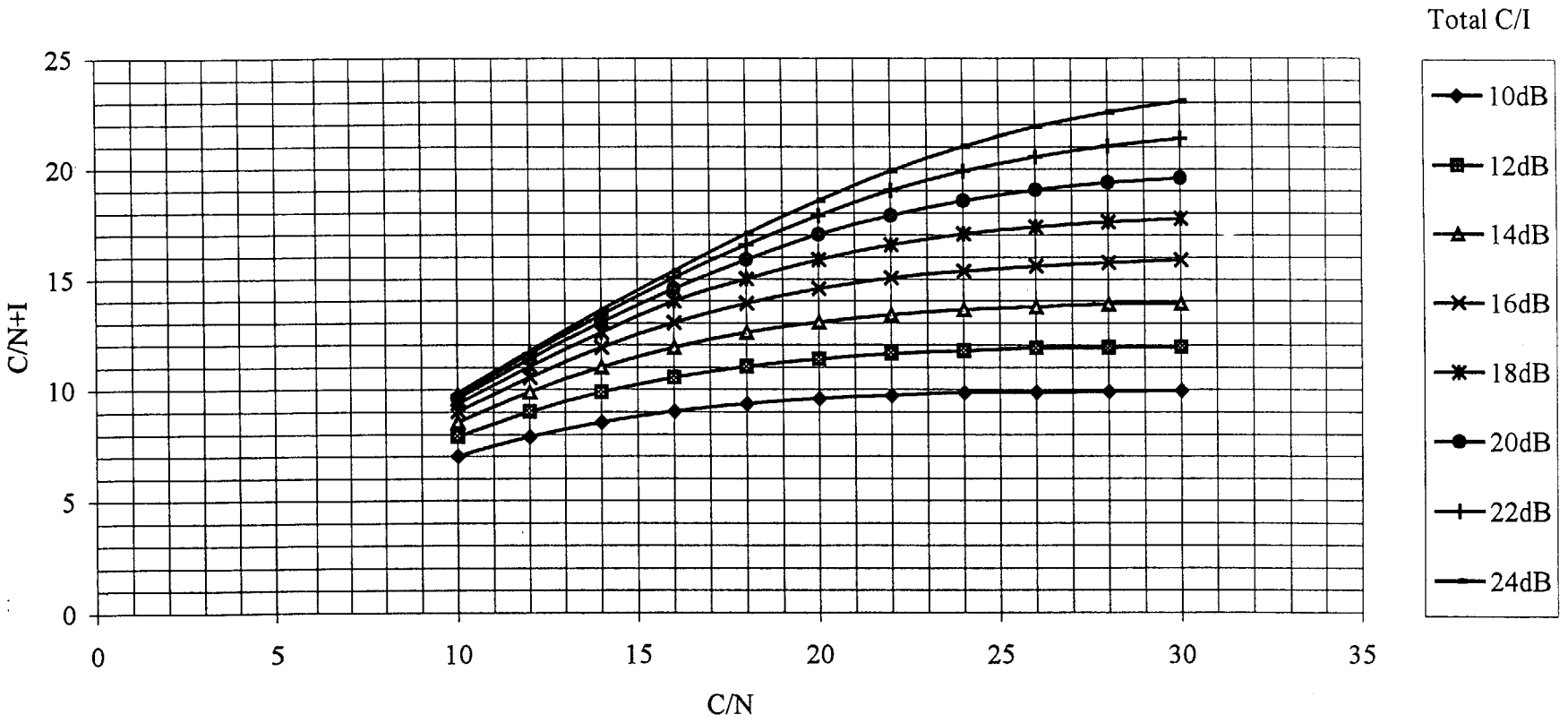

GSO Ka-Band Blanket Licensing
Industry Working Group

30nd October 1998
at Dow Lohnes & Albertson, 1200 New Hampshire Ave, N.W., Washington DC.

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Continuation sheet **Page of .**

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